

Figure 1: Yeast Genome; One Mismatch; Truncation to length "L"
Theory and Measurements

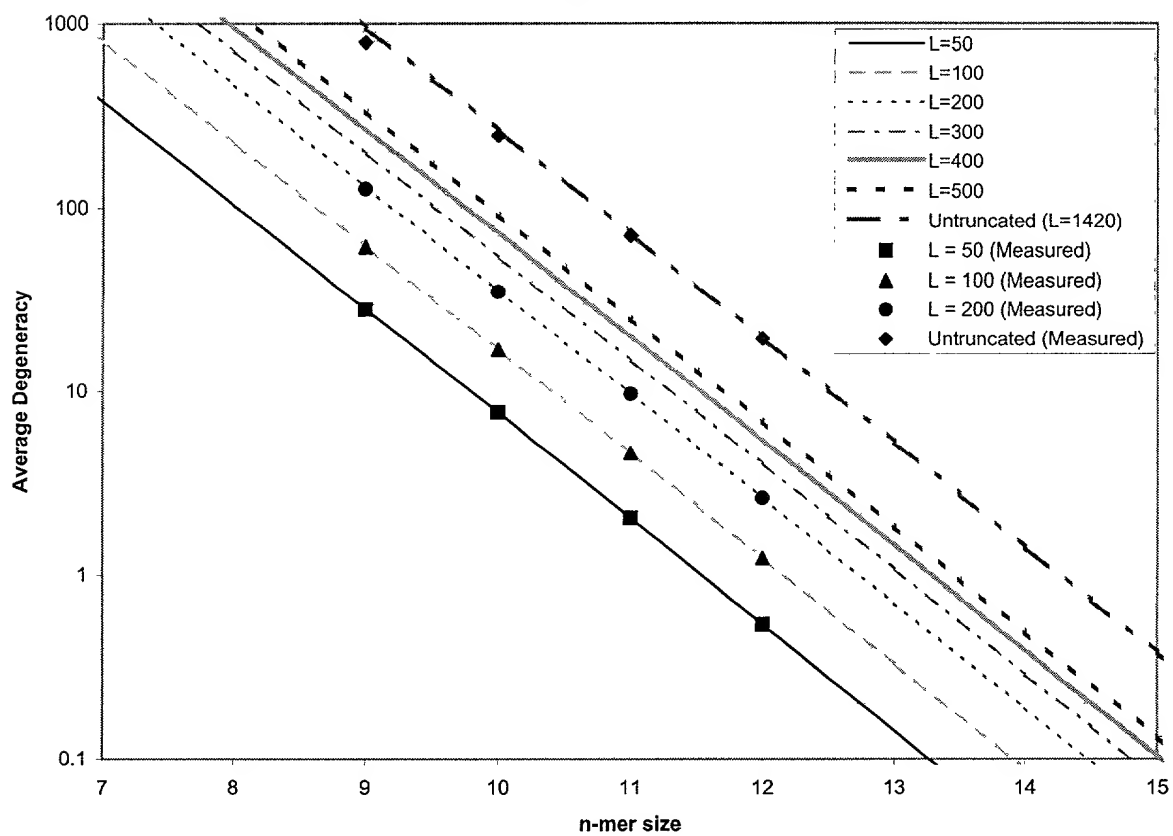


Figure 2: Mouse Genome; One Mismatch; Truncation to Length "L"
Theory and Measurements

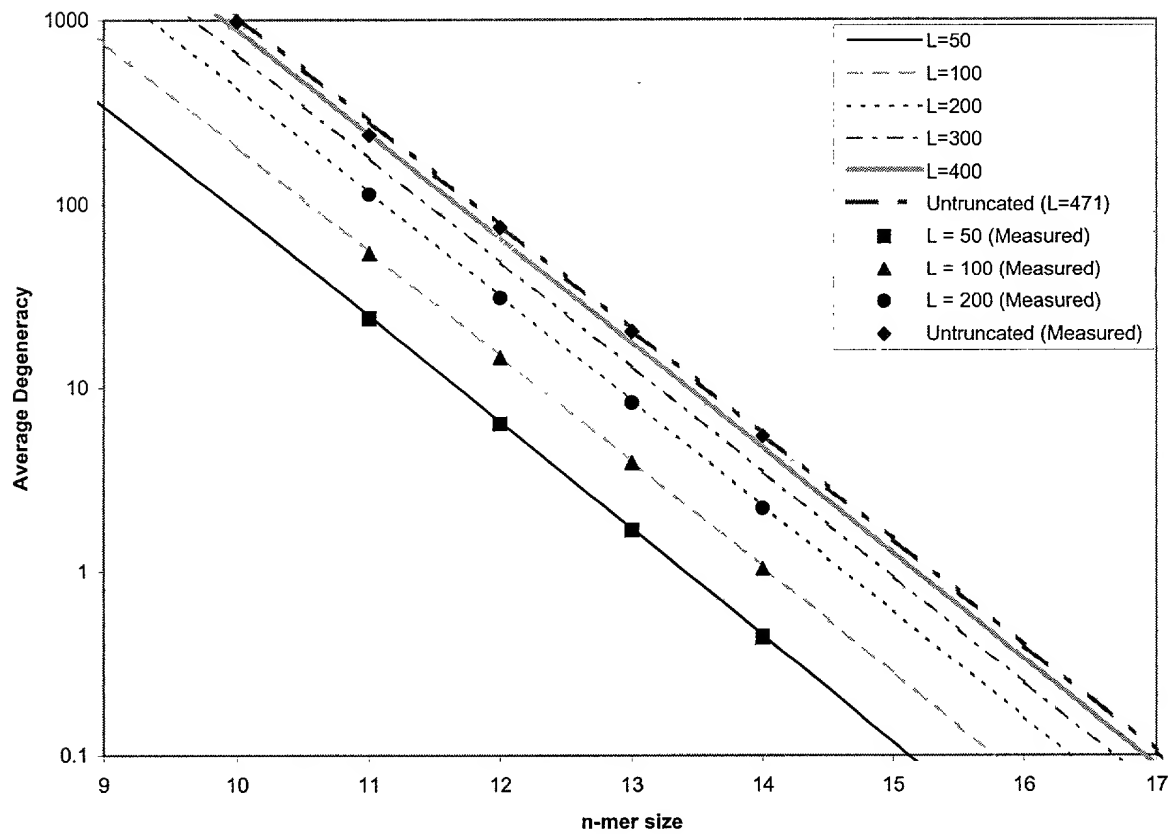
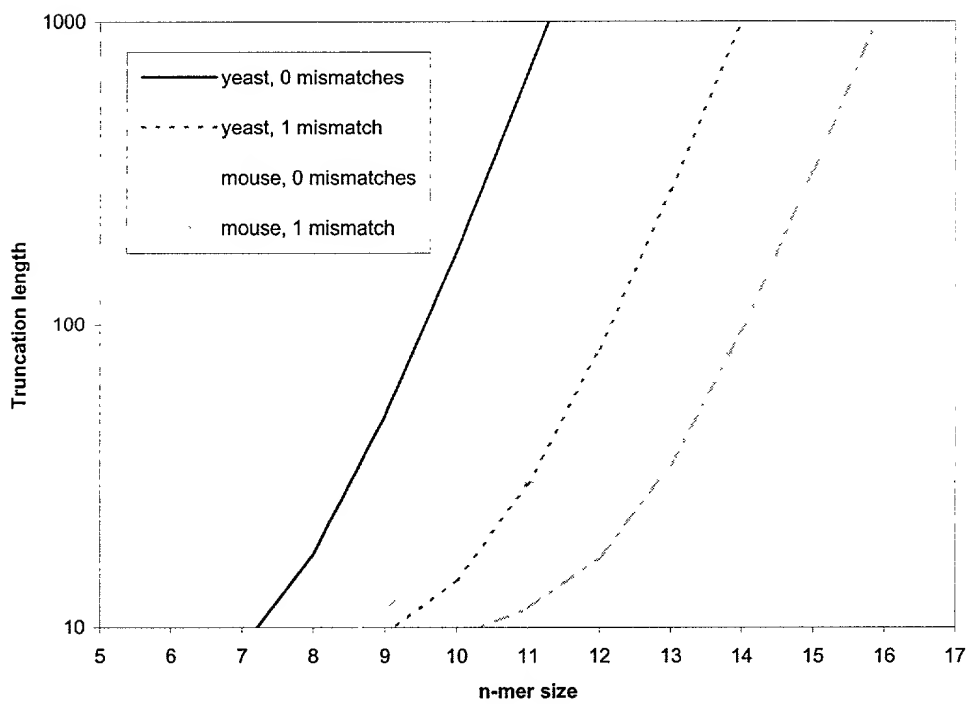


Figure 3: Relationships between parameter values such that average degeneracy = 1 (theoretical predictions)



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FIG. 4A

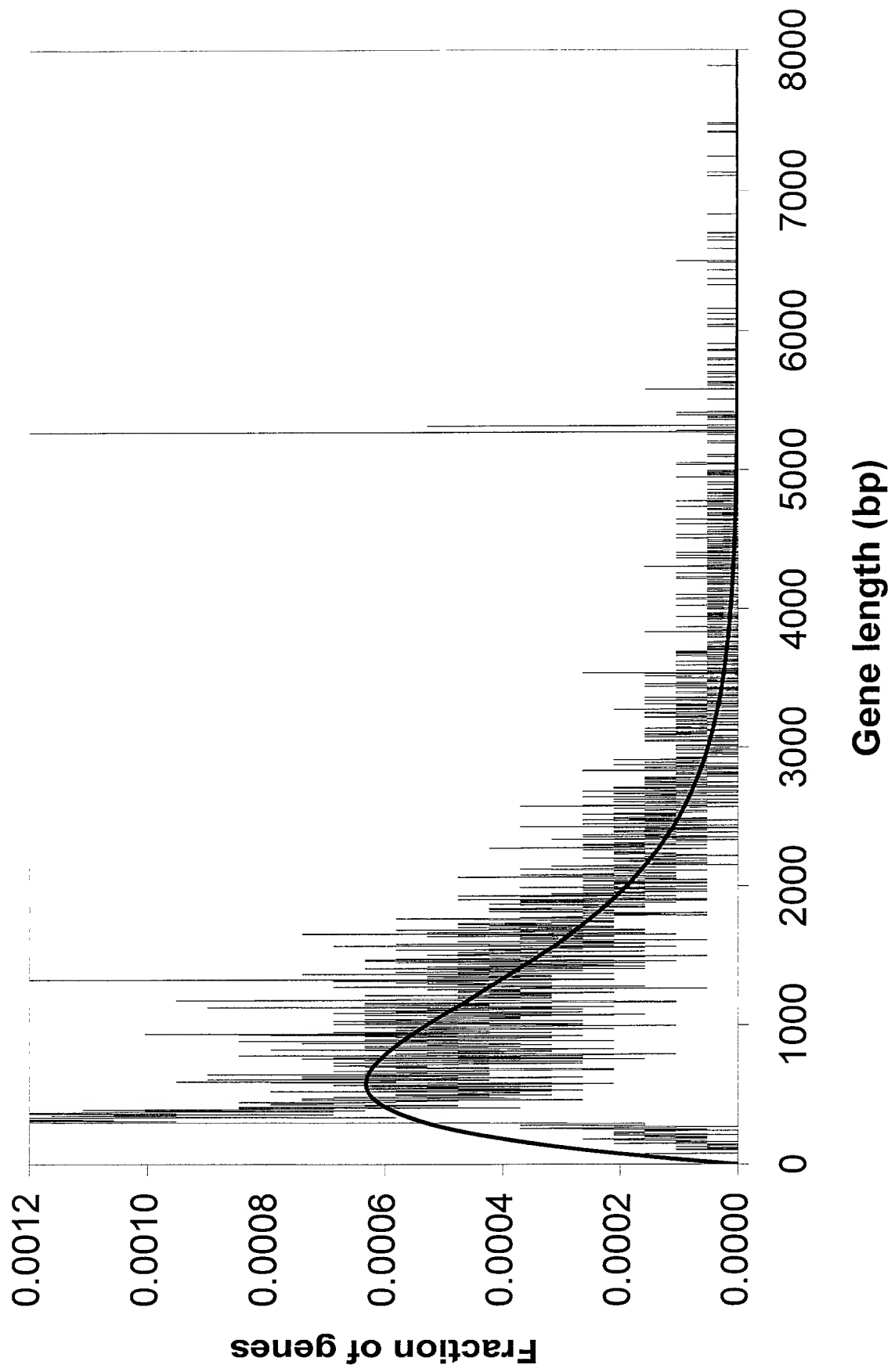


FIG. 4B

FIG. 4B

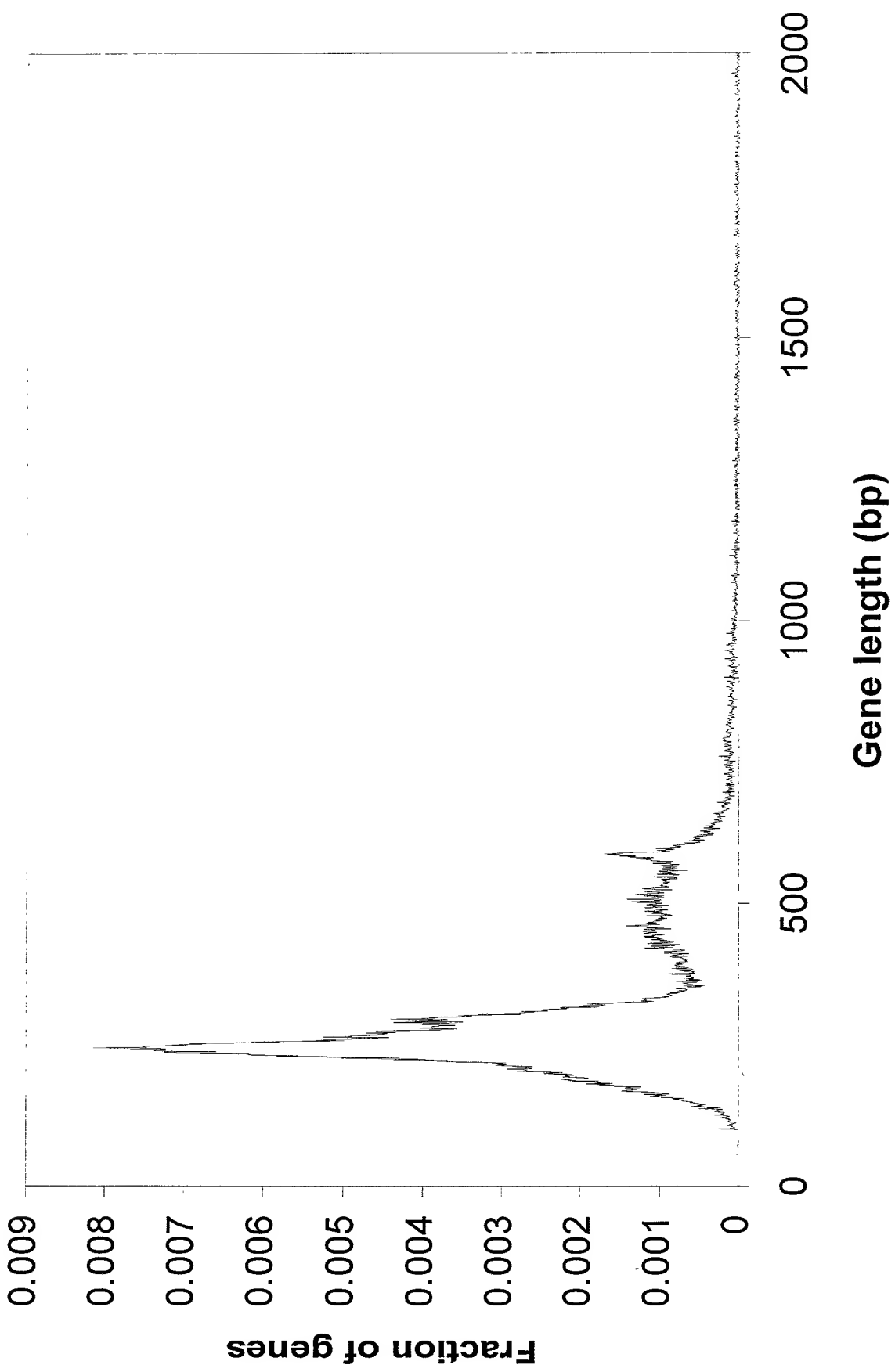
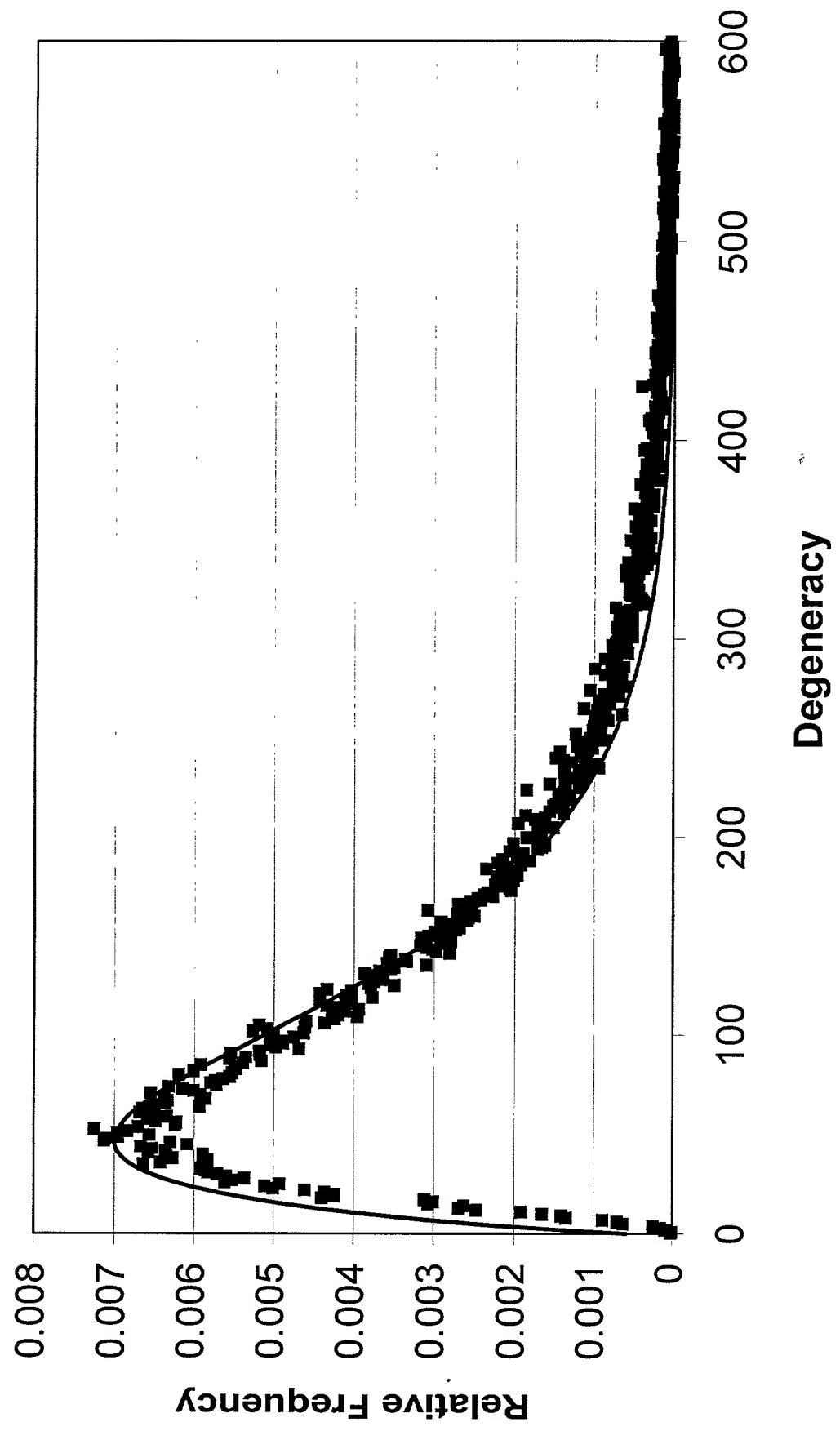


FIG. 5A

8-mers; mismatches: 0



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FIG 5B

8-mers; mismatches: 1

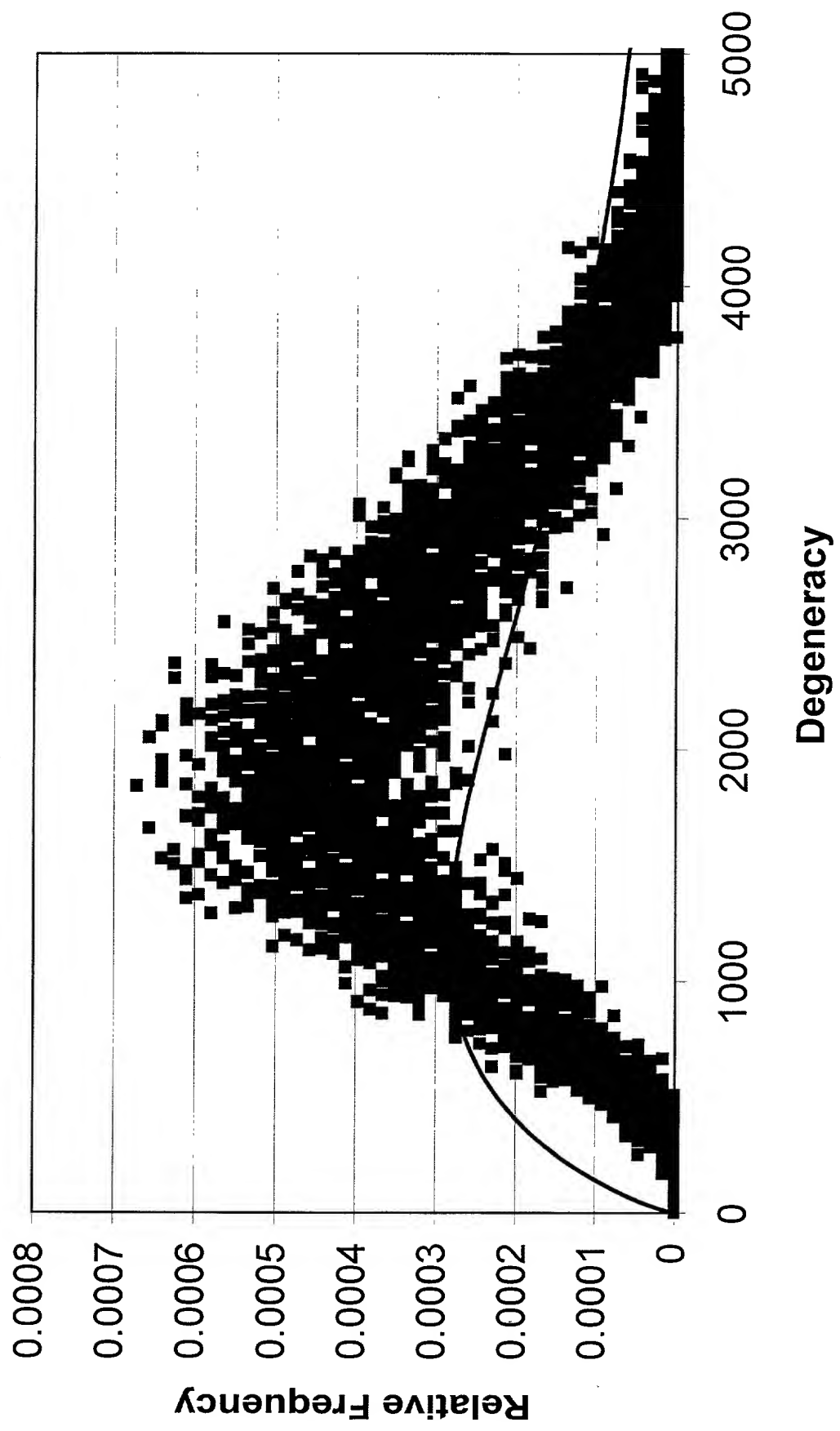


FIG. 5C

9-mers; mismatches: 0

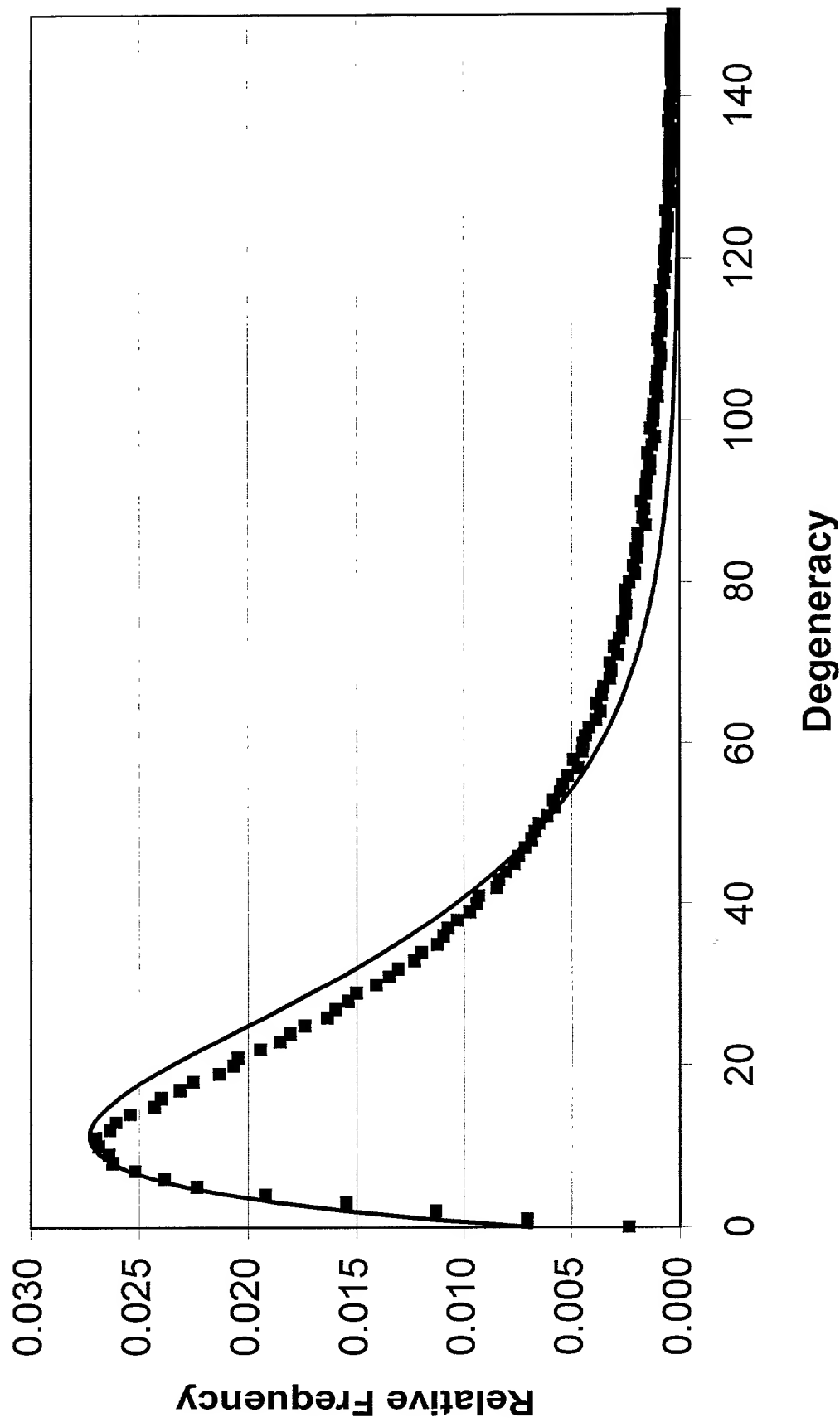


FIG 5D

9-mers; mismatches: 1

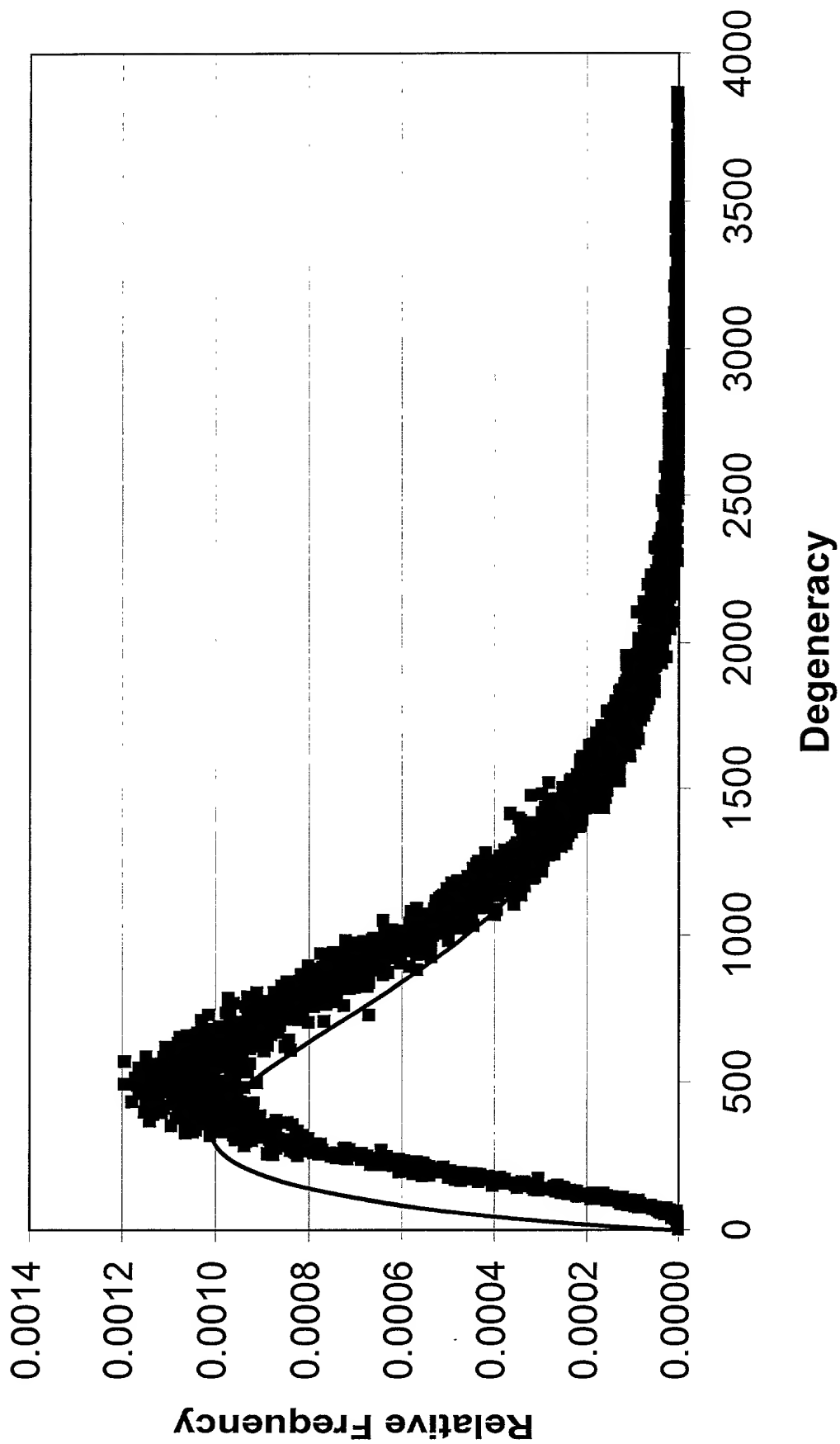
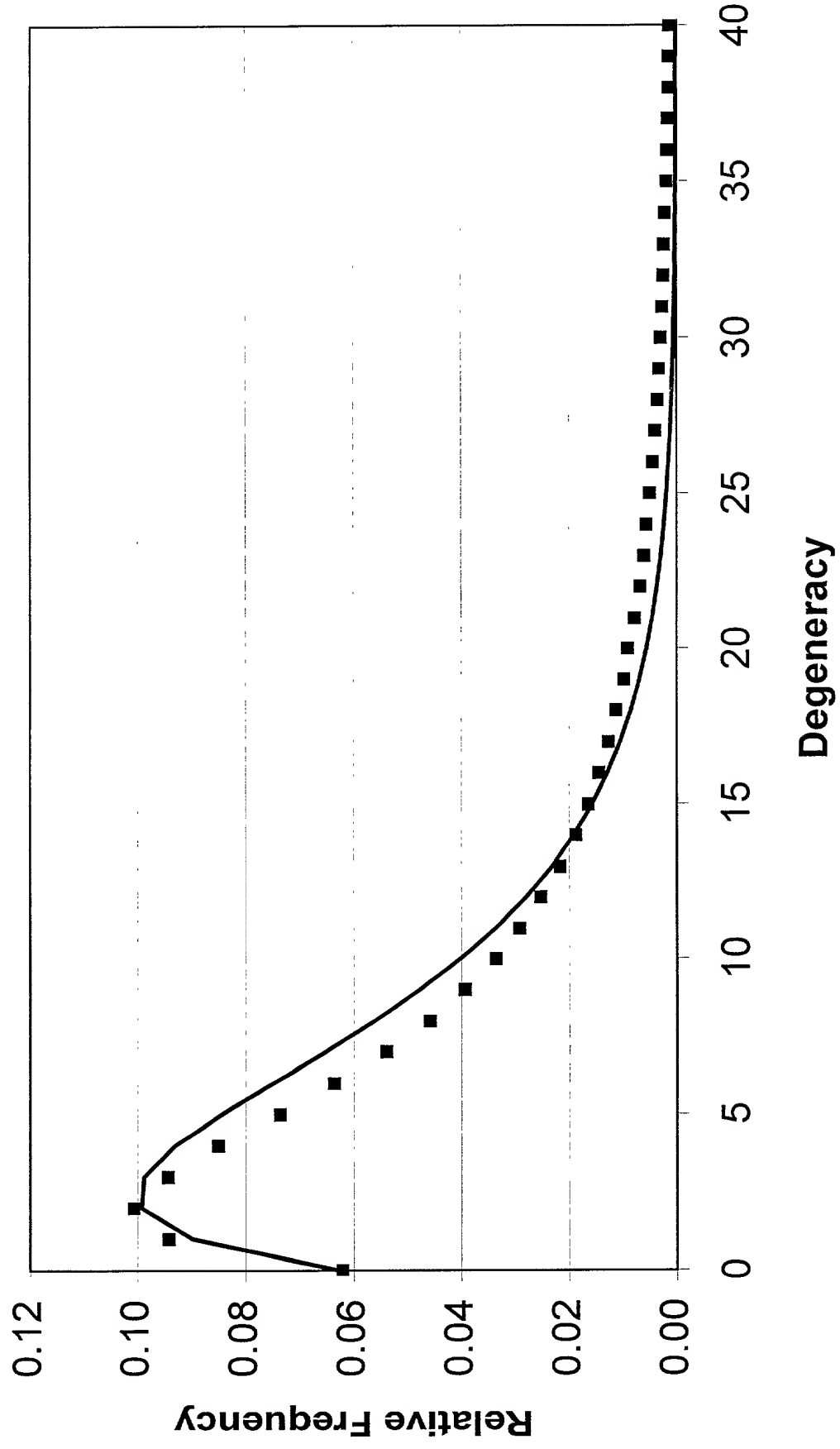


FIG 5E
10-mers; mismatches: 0



10-mers; mismatches: 1

FIG. 5F

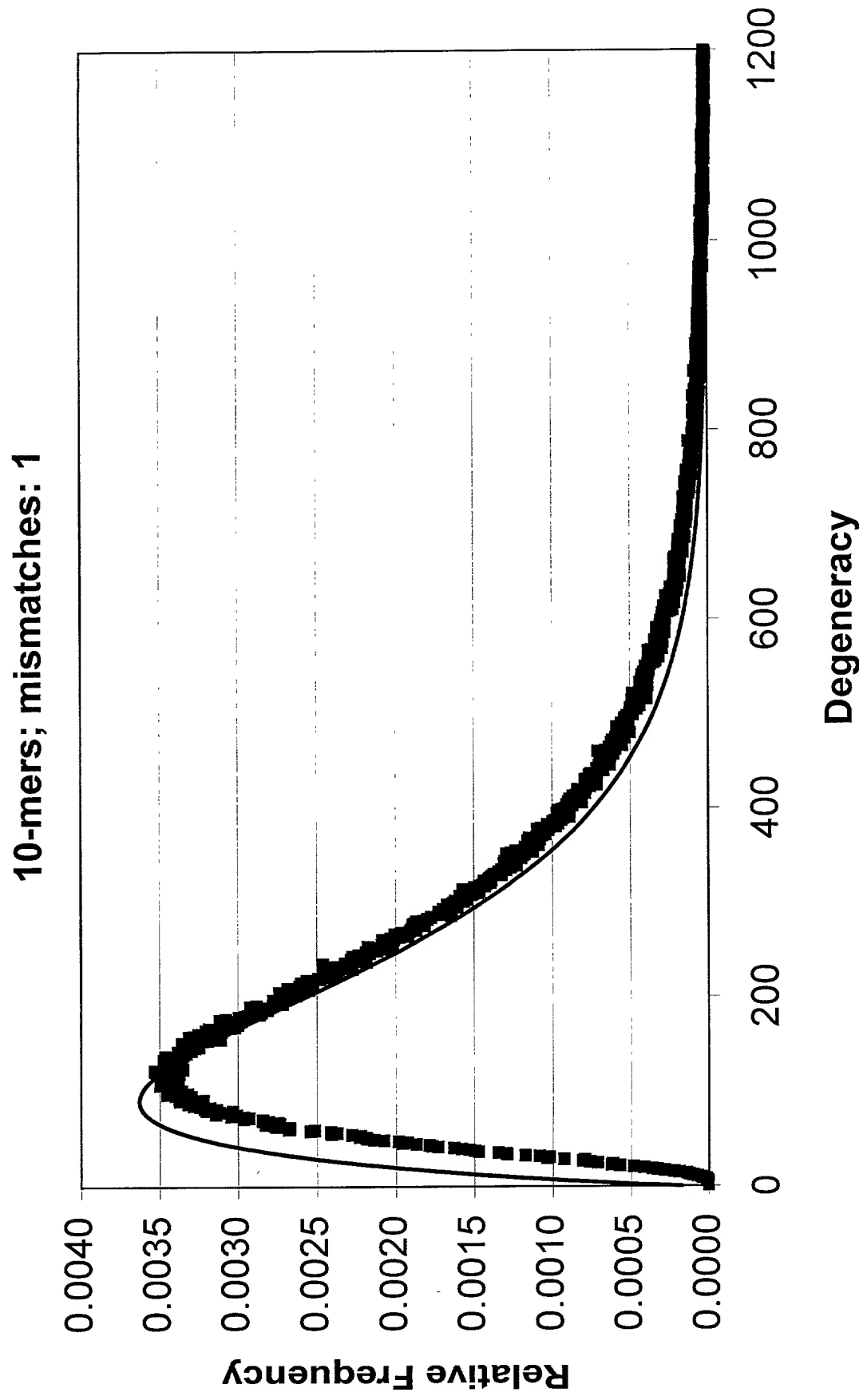


FIG. 5G

11-mers; mismatches: 0

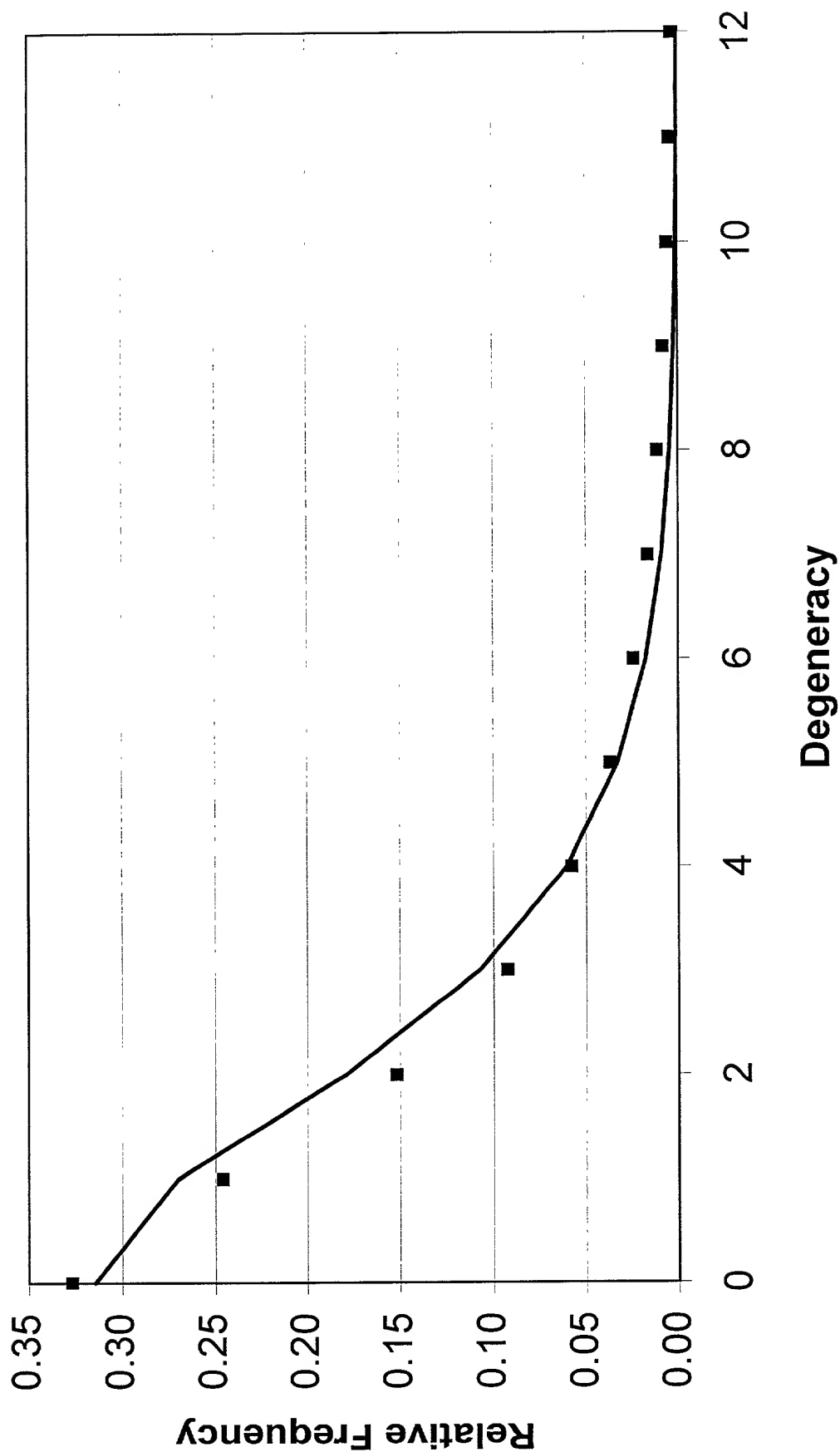


FIG. 5H
11-mers; mismatches: 1

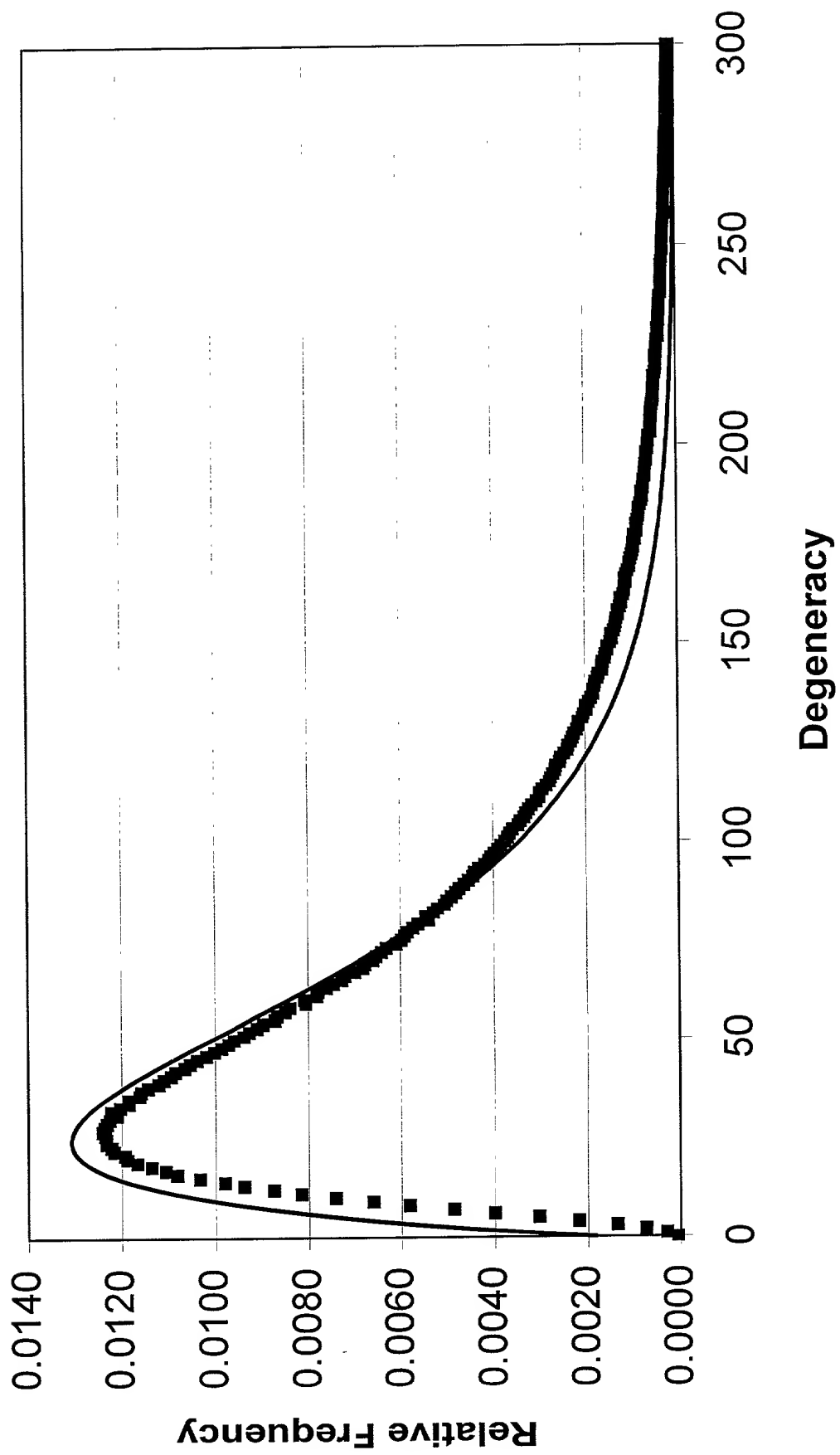


FIG. 5I

12-mers; mismatches: 0

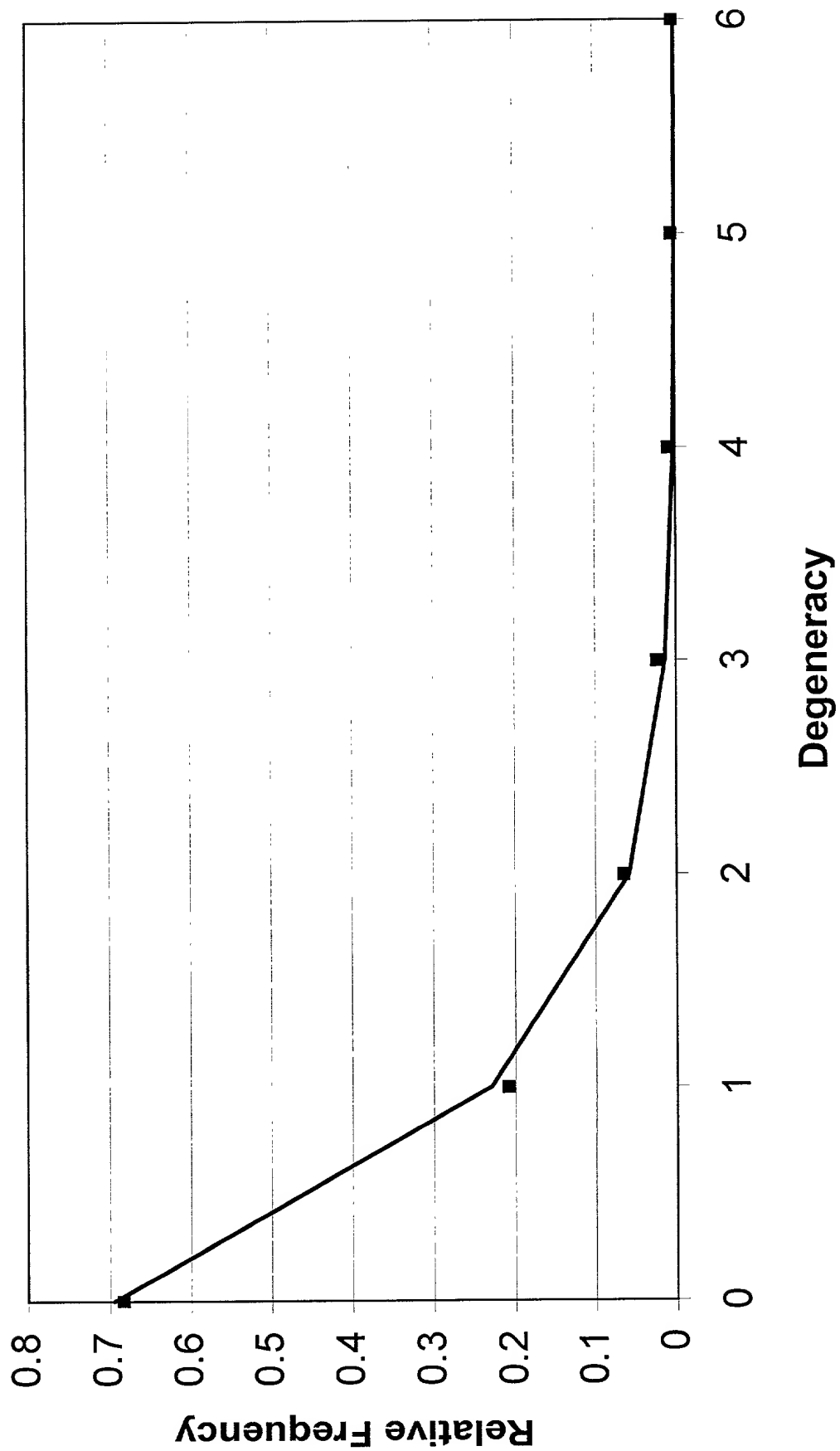
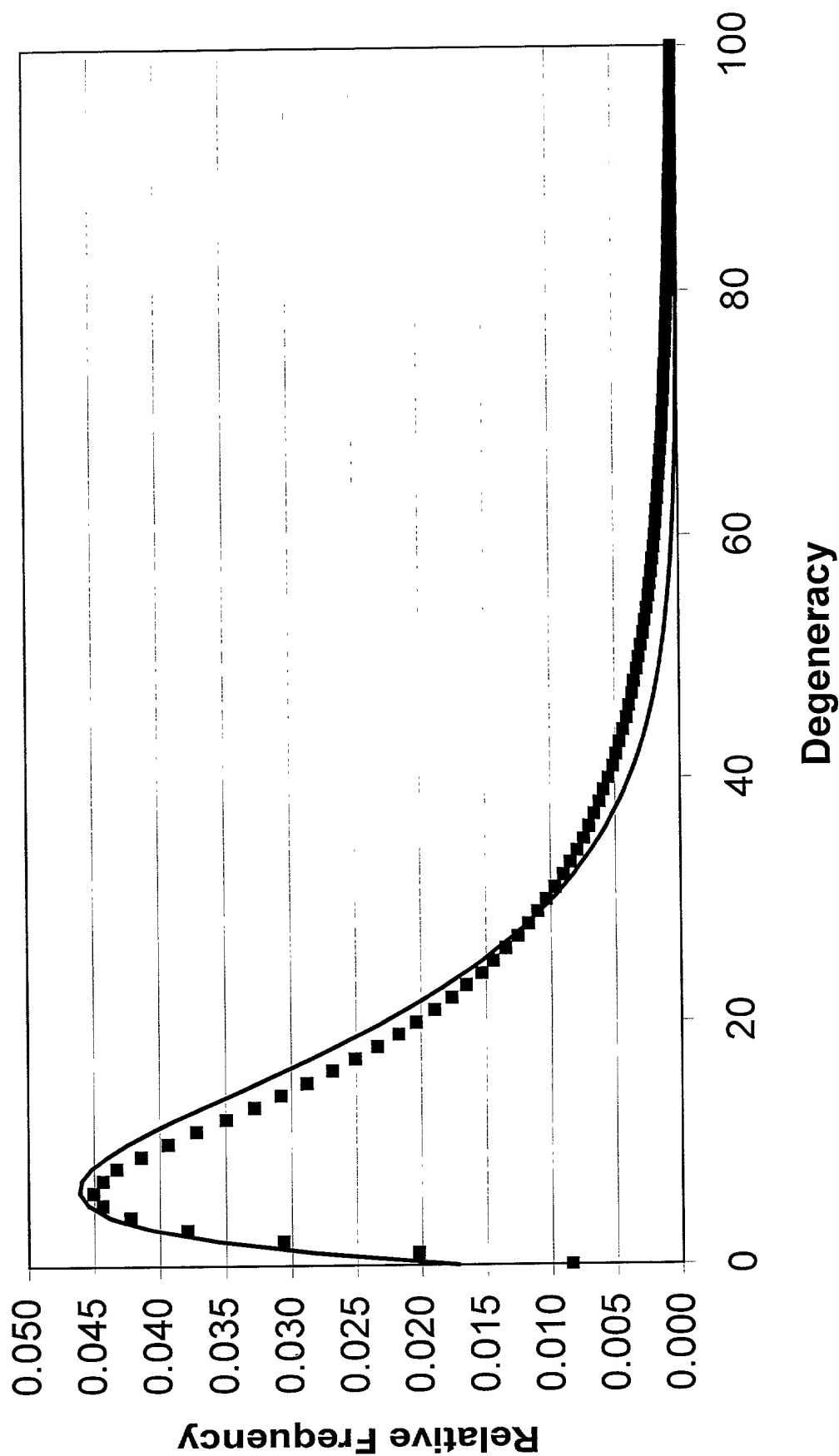
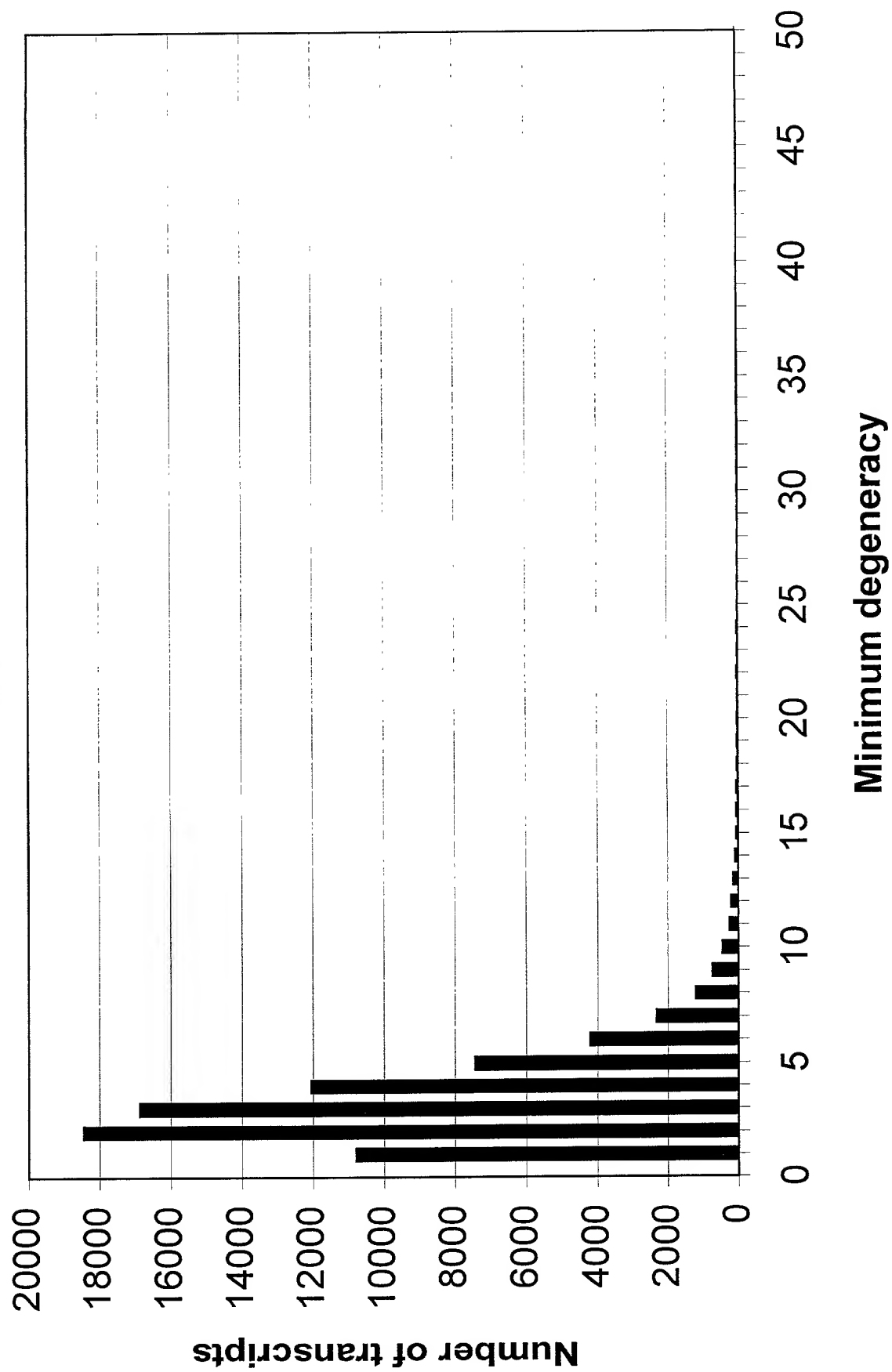


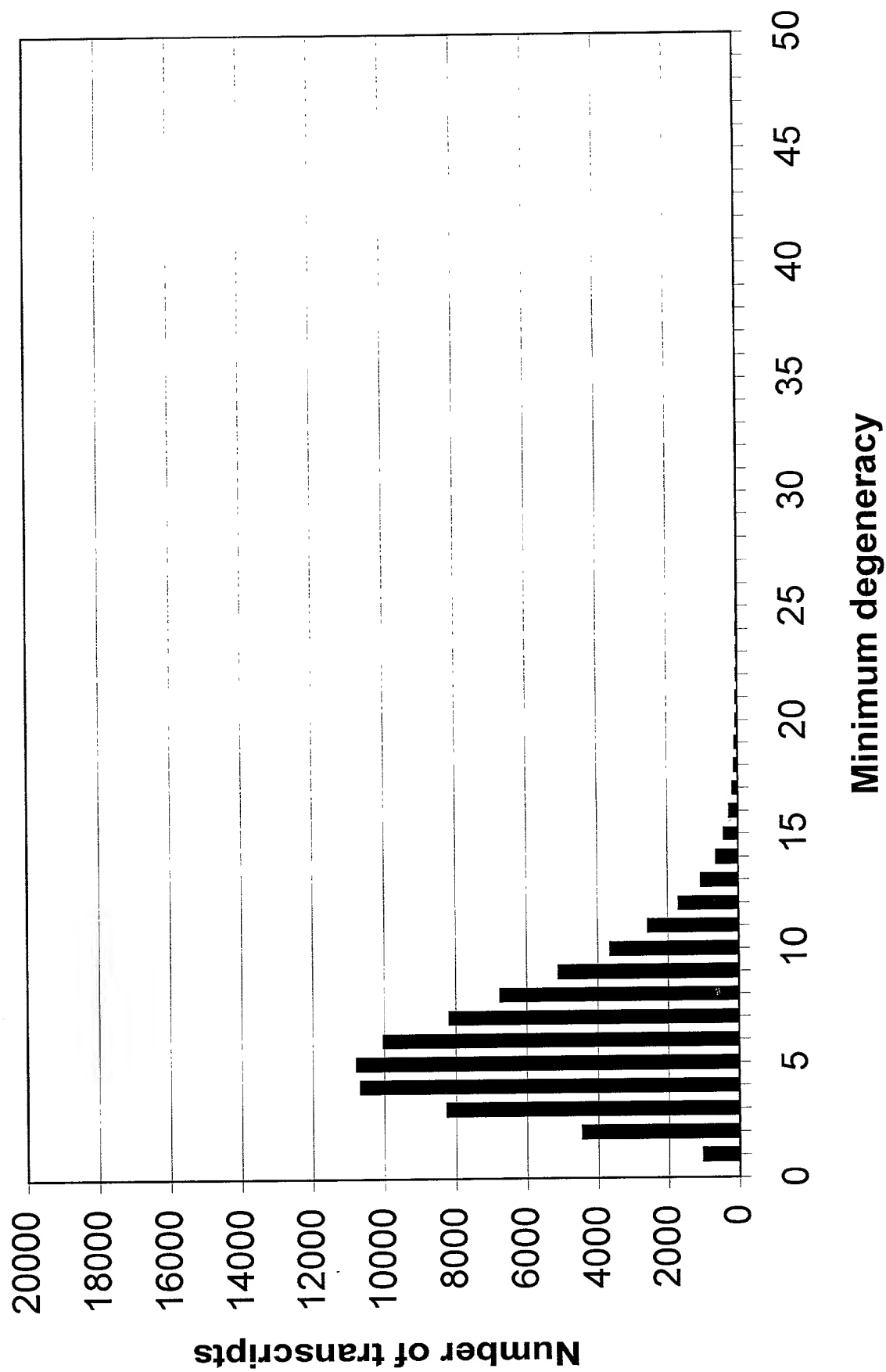
FIG. 5J

12-mers, mismatches: 1



[illegible]

Year	Age	Sex	Location	Notes
1978	10	M	1000 ft	1000 ft
1979	10	M	1000 ft	1000 ft
1980	10	M	1000 ft	1000 ft
1981	10	M	1000 ft	1000 ft
1982	10	M	1000 ft	1000 ft
1983	10	M	1000 ft	1000 ft
1984	10	M	1000 ft	1000 ft
1985	10	M	1000 ft	1000 ft
1986	10	M	1000 ft	1000 ft
1987	10	M	1000 ft	1000 ft
1988	10	M	1000 ft	1000 ft
1989	10	M	1000 ft	1000 ft
1990	10	M	1000 ft	1000 ft
1991	10	M	1000 ft	1000 ft
1992	10	M	1000 ft	1000 ft
1993	10	M	1000 ft	1000 ft
1994	10	M	1000 ft	1000 ft
1995	10	M	1000 ft	1000 ft
1996	10	M	1000 ft	1000 ft
1997	10	M	1000 ft	1000 ft
1998	10	M	1000 ft	1000 ft
1999	10	M	1000 ft	1000 ft
2000	10	M	1000 ft	1000 ft
2001	10	M	1000 ft	1000 ft
2002	10	M	1000 ft	1000 ft
2003	10	M	1000 ft	1000 ft
2004	10	M	1000 ft	1000 ft
2005	10	M	1000 ft	1000 ft
2006	10	M	1000 ft	1000 ft
2007	10	M	1000 ft	1000 ft
2008	10	M	1000 ft	1000 ft
2009	10	M	1000 ft	1000 ft
2010	10	M	1000 ft	1000 ft
2011	10	M	1000 ft	1000 ft
2012	10	M	1000 ft	1000 ft
2013	10	M	1000 ft	1000 ft
2014	10	M	1000 ft	1000 ft
2015	10	M	1000 ft	1000 ft
2016	10	M	1000 ft	1000 ft
2017	10	M	1000 ft	1000 ft
2018	10	M	1000 ft	1000 ft
2019	10	M	1000 ft	1000 ft
2020	10	M	1000 ft	1000 ft



[illegible]

Fig. 6c

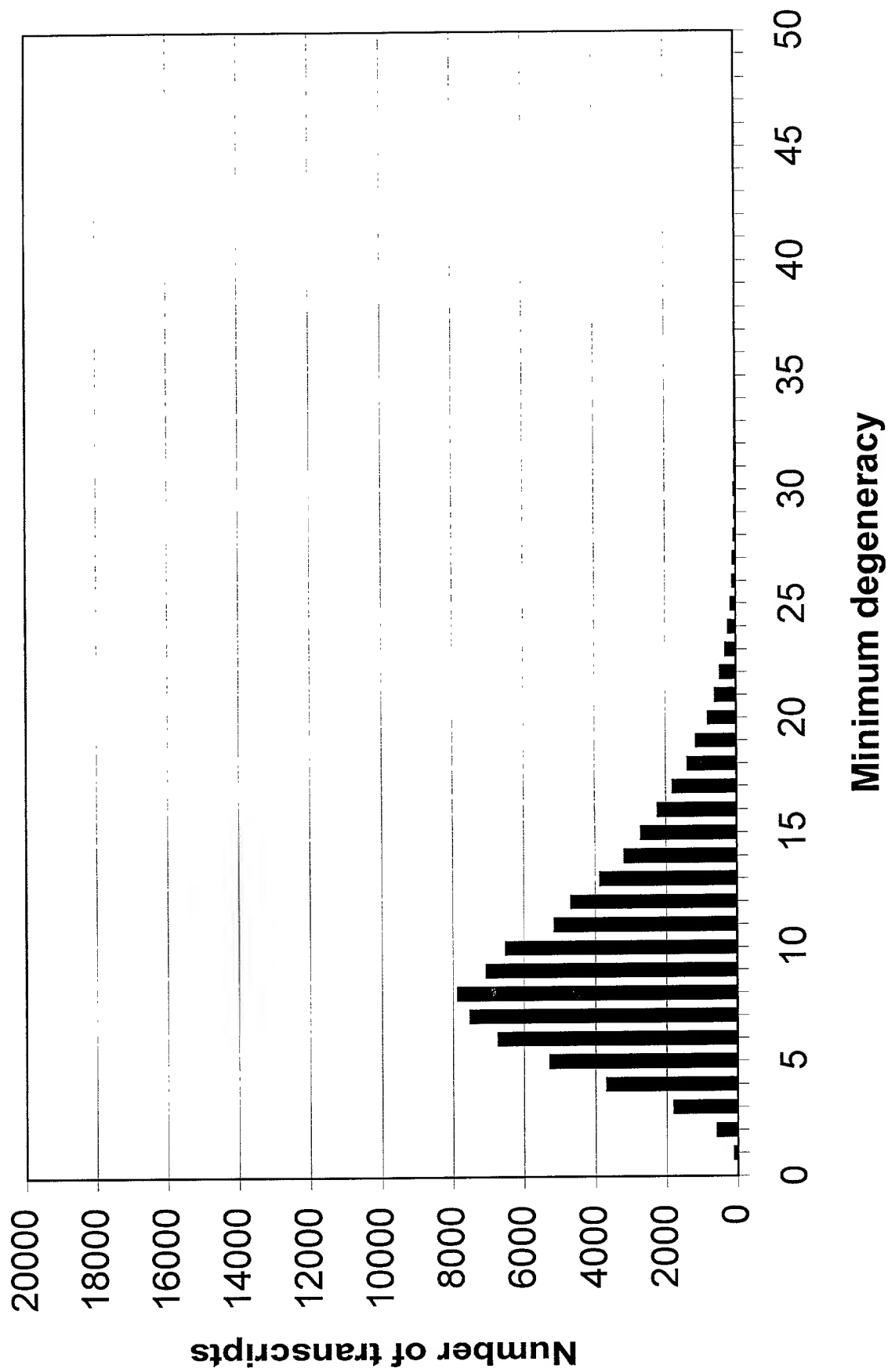


FIG. 6D

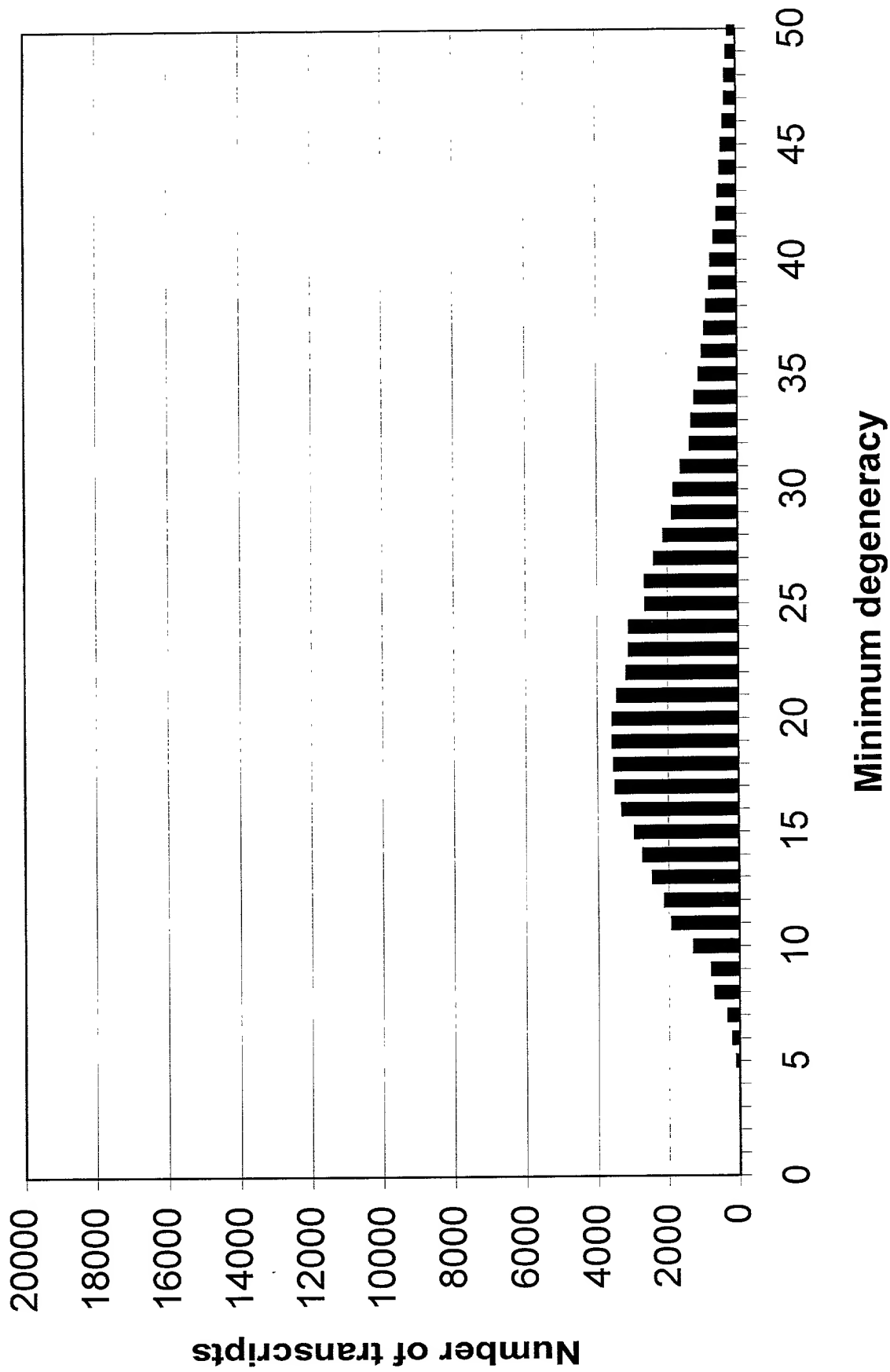


Figure 1: Bar chart showing the number of transcripts for different minimum degeneracy values. The y-axis represents the number of transcripts (0 to 80,000), and the x-axis represents the minimum degeneracy (1 to 12). The number of transcripts is highest for a degeneracy of 1 (approximately 70,000) and decreases sharply as degeneracy increases, reaching near zero for degeneracy values of 10 and above.

FIG 1

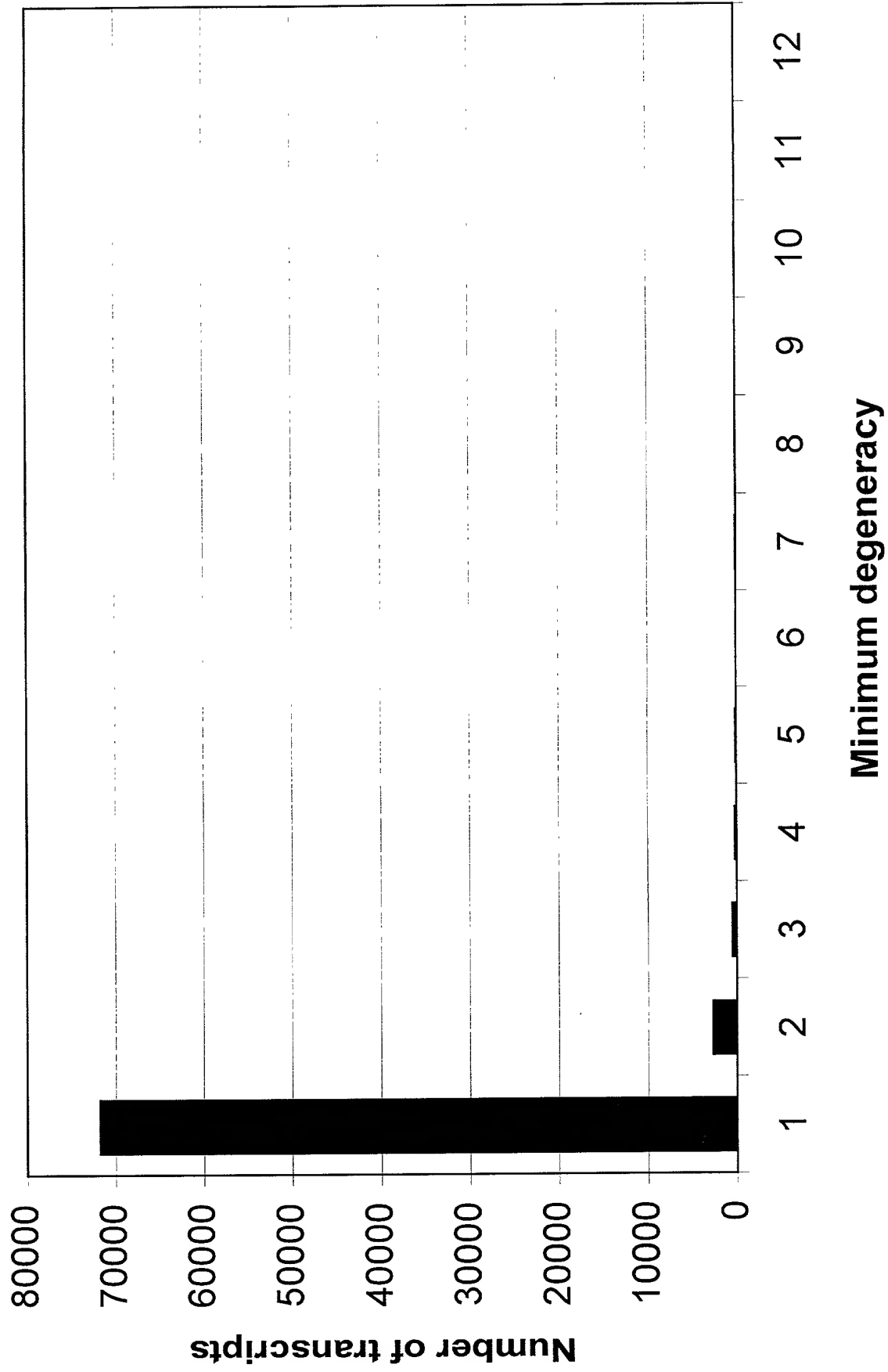


FIG. 6F

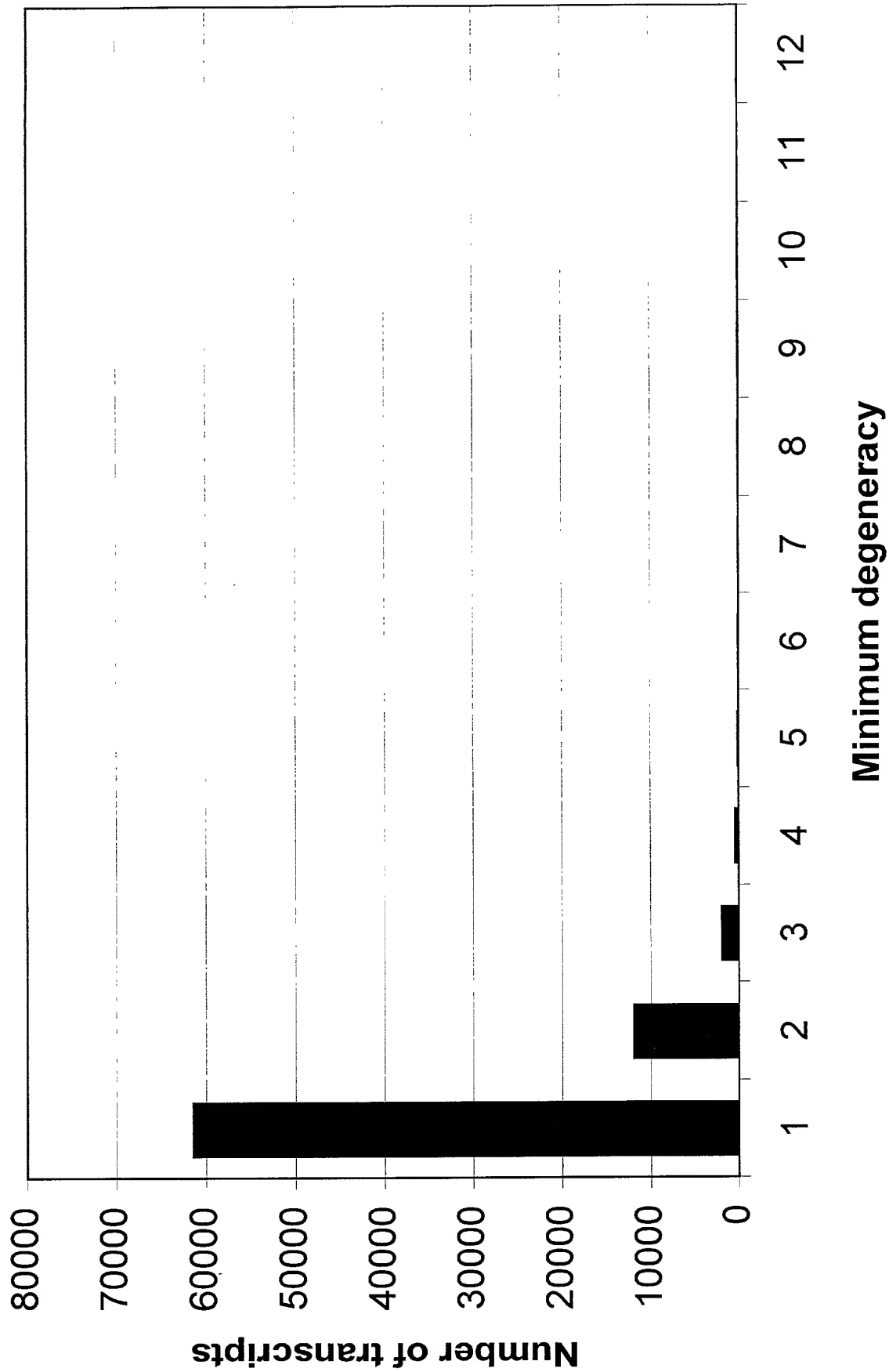


FIG. 6G

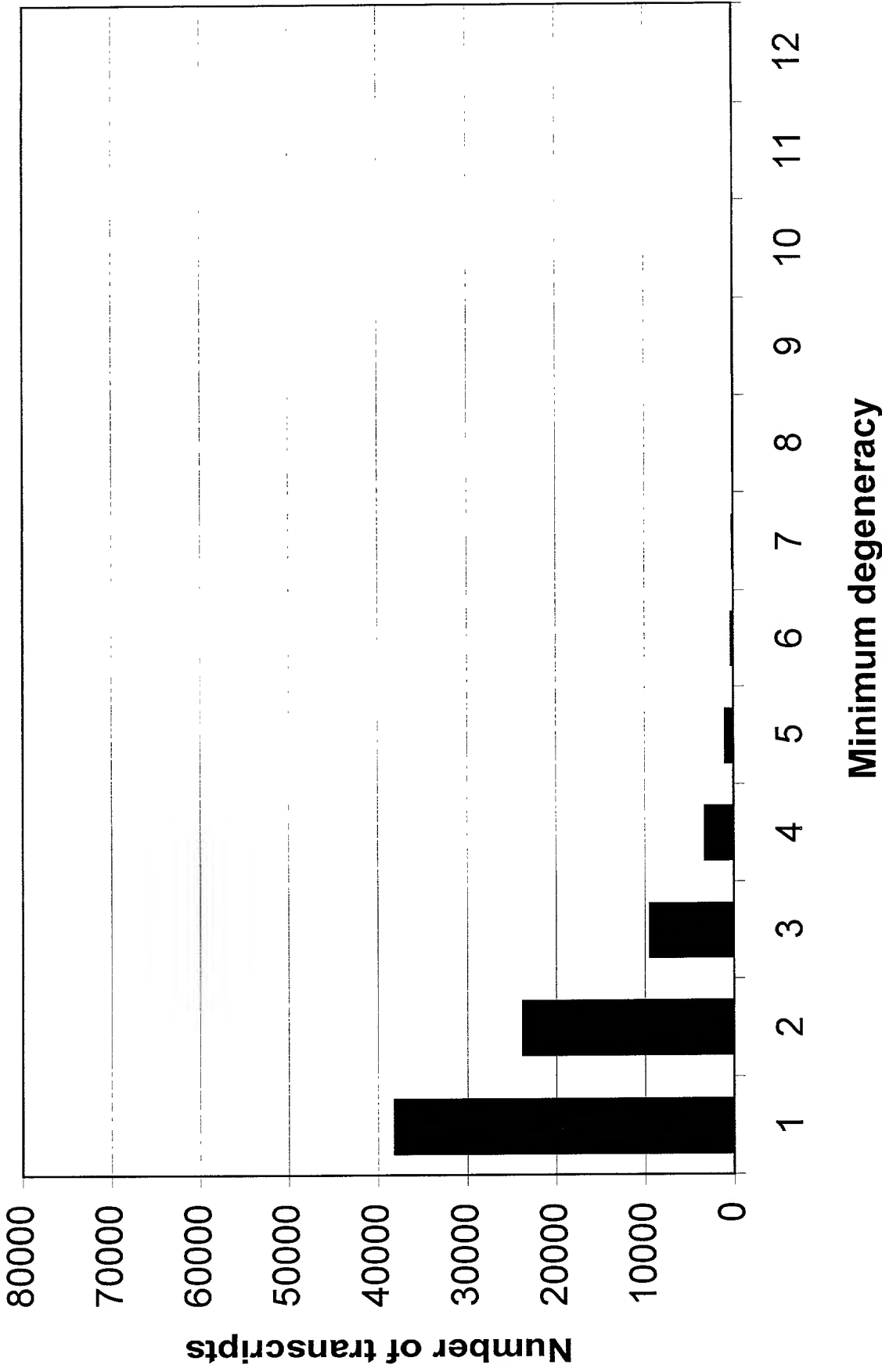


FIG. 6H

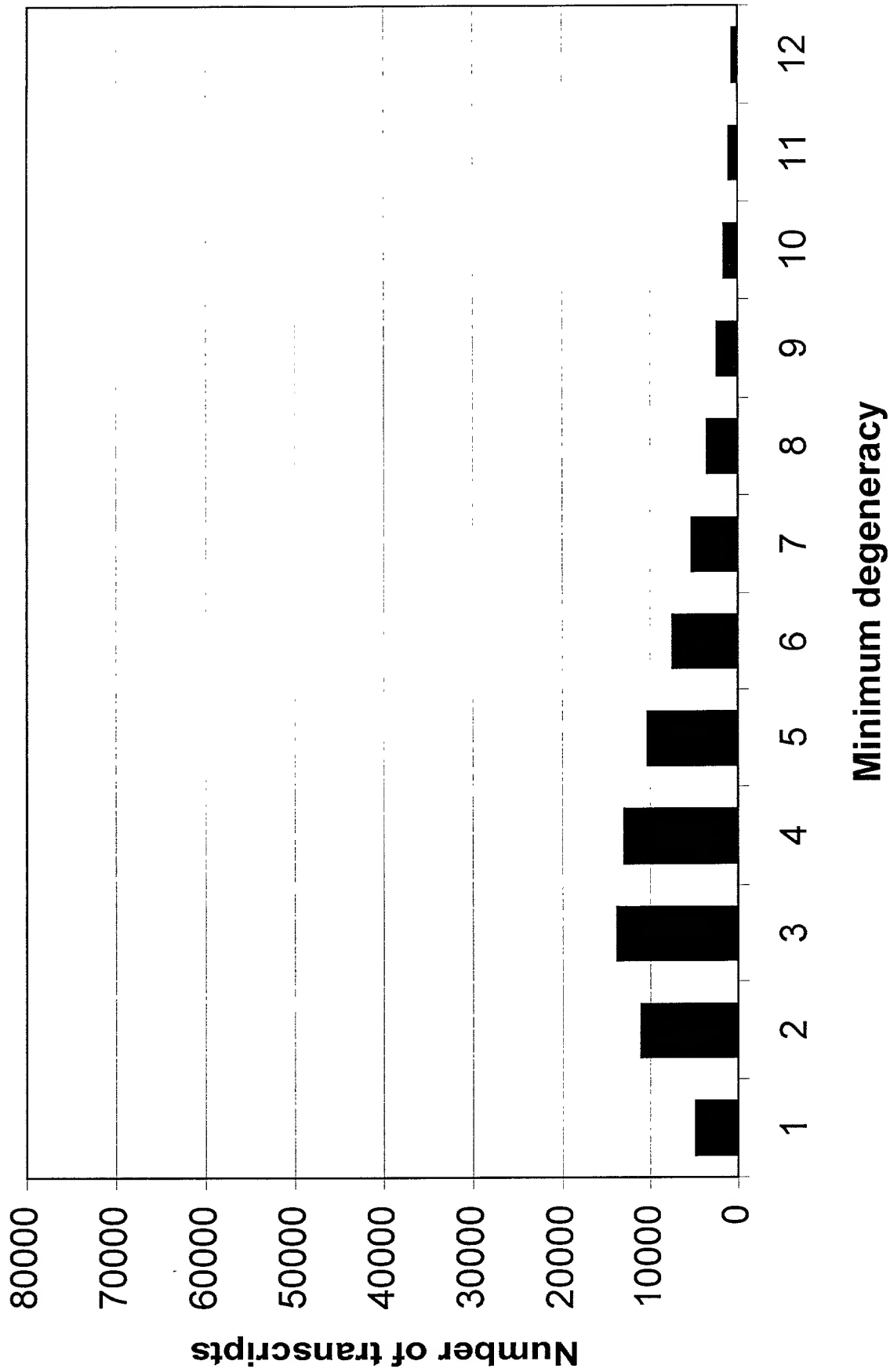


FIG. 7A

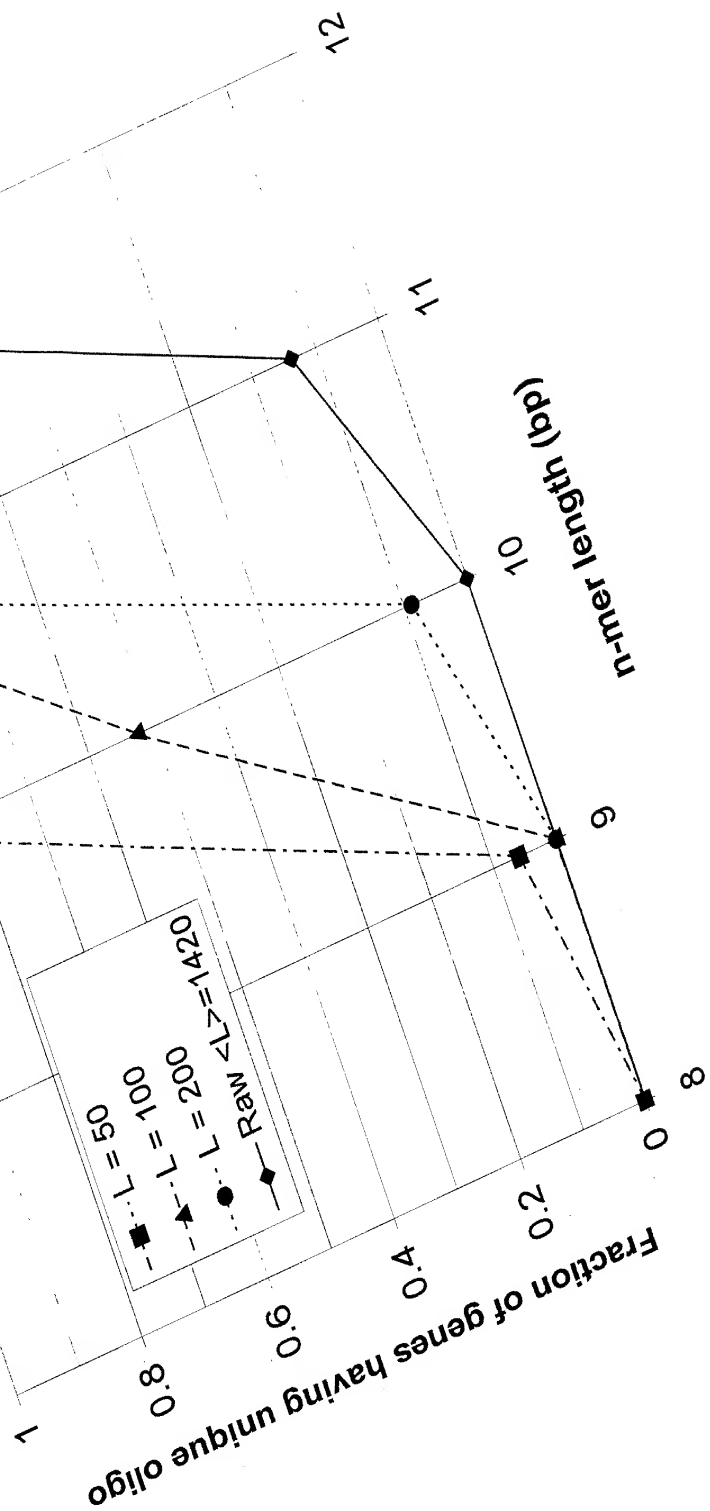


FIG. 7B

